

Docket No. 212/688US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:

Chen, et al.

Serial No.: 10/524,057

Art Unit: 2431

Filed: December 29, 2005

Confirmation No.: 4440

For: Distributed Processing
in Authentication

Examiner: Wright, Bryan F.

37 C.F.R. § 1.131 DECLARATION

I, Tai Pang Chen, hereby declare:

1. I am currently employed by A*STAR under Institute of Infocomm Research (I2R). I was formerly employed by Nanyang Technological University (NTU) under School of Electrical and Electronic Engineering. The invention of this patent application was made during my days in NTU.
2. I am an inventor of this patent application.
3. I have worked in the field of biometric identification for many years.
4. I am generally aware of the state of the art of biometric identification technology and more specifically related to advanced payment and access control.
5. I have reviewed the references cited by the examiner, Hamid, Method and Apparatus for Hashing Data, U.S. Patent 7,274,804

(Sep. 25, 2007); Larsson, et al., Method and Device for Positioning a Finger when Verifying a Person's Identity, U.S. Patent Publication 2004/0215615 (Oct. 28, 2004); Hillhouse et al., Method and Apparatus for Supporting a Biometric Registration Performed on a Card, U.S. Patent 7,274,807 (Sep. 25, 2007); and Studd, Method and System for Executing Applications on a Mobile Device, U.S. Patent Publication 2004/0122774 (Jun. 24, 2004). The earliest priority dates for these references are Larsson's provisional application filed July 5, 2001 and Hillhouse with a priority date of May 30, 2002.

6. Dr. Yau Wei Yun and I started working on the source code to implement the claimed invention in November 2000, and we completed the first working prototype on April 10, 2001. All the work on this invention was carried out in Singapore, a WTO member since 1995.

7. The April 10, 2001 code, attached as "OPPurseV1_April 2001.java", implemented the elements of the claims of U.S. Patent application 10/524,057. An annotated version of this code is attached for the examiner's convenience. The initial source code is added inside the oppurse Java example which is an example from Gemplus Javacard SDK to illustrate how to create e-purse in Javacard. The finalized and tidied up version of the code was prepared December 28, 2001. The December 2001 finalized version contains few amendments in the algorithm and modified the source code editorially such as adding the I2R copyright info in the smartcard.

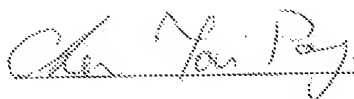
8. Our annotated source code implementing all the claimed limitations of the presently pending claims was completed in April 2001, three months before the filing date of Studd and a

full year before the filing date of Hillhouse. The present references cited by the examiner should be withdrawn.

9. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and any patent issuing thereon.

Date: November 15, 2010

By:



Tai Pang Chen